



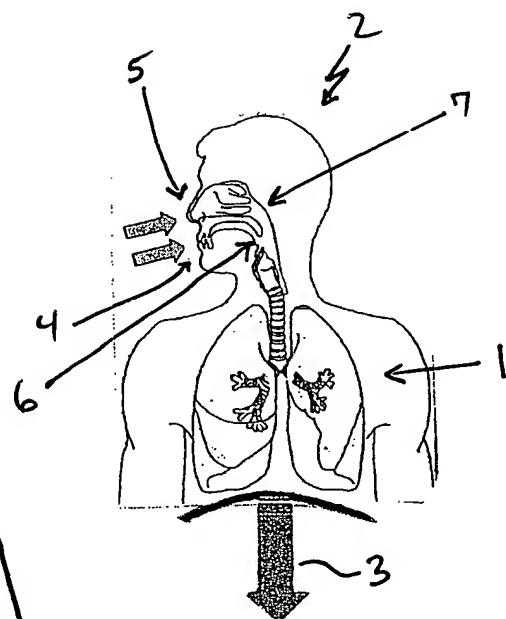
10/014,421
REPLACEMENT DRAWING
12/14/2001

Inhalation

AIR ENTERS THE NOSE AND MOUTH

THE CHEST ELASTICALLY DEFORMS

THE DIAPHRAGM IS FORCEFULLY LOWERED



FLOW RESISTANCE IS ENCOUNTERED IN THE NASOPHARYNX AND THE OROPHARYNX

NEGATIVE PRESSURE occurs in the LUNGS

FIG. 1

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Exhalation

AIR EXITS THE NOSE AND MOUTH

THE CHEST RETURNS TO ITS UNDEFORMED POSITION

THE DIAPHRAGM IS RELAXED (PASSIVE)

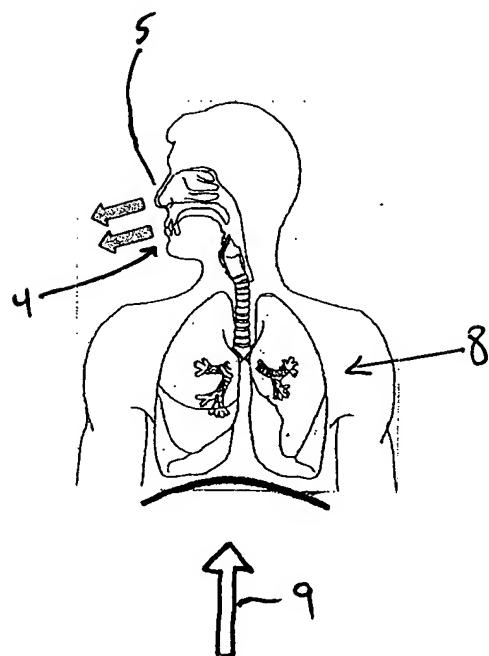


FIG. 2

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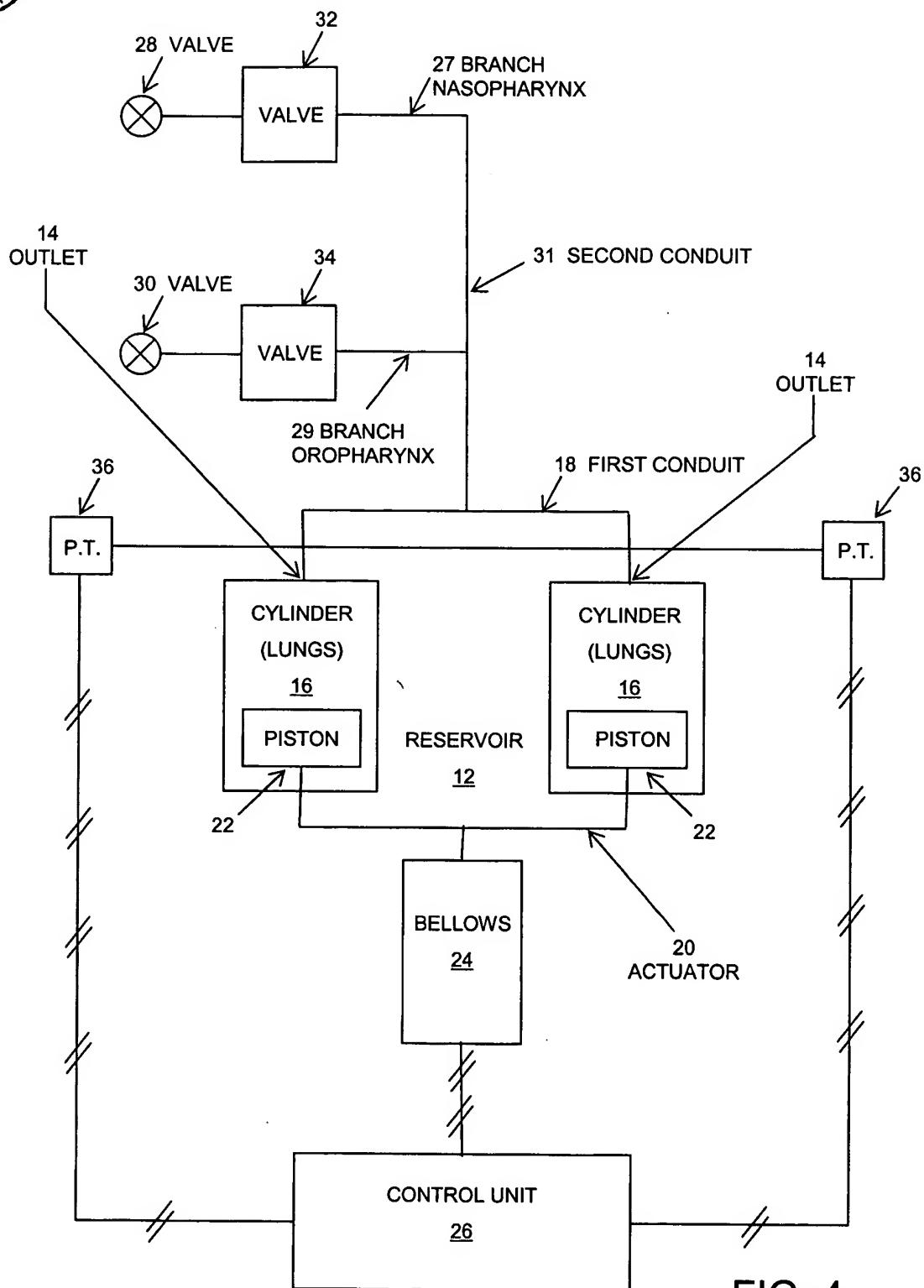
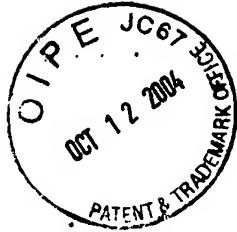


FIG. 4



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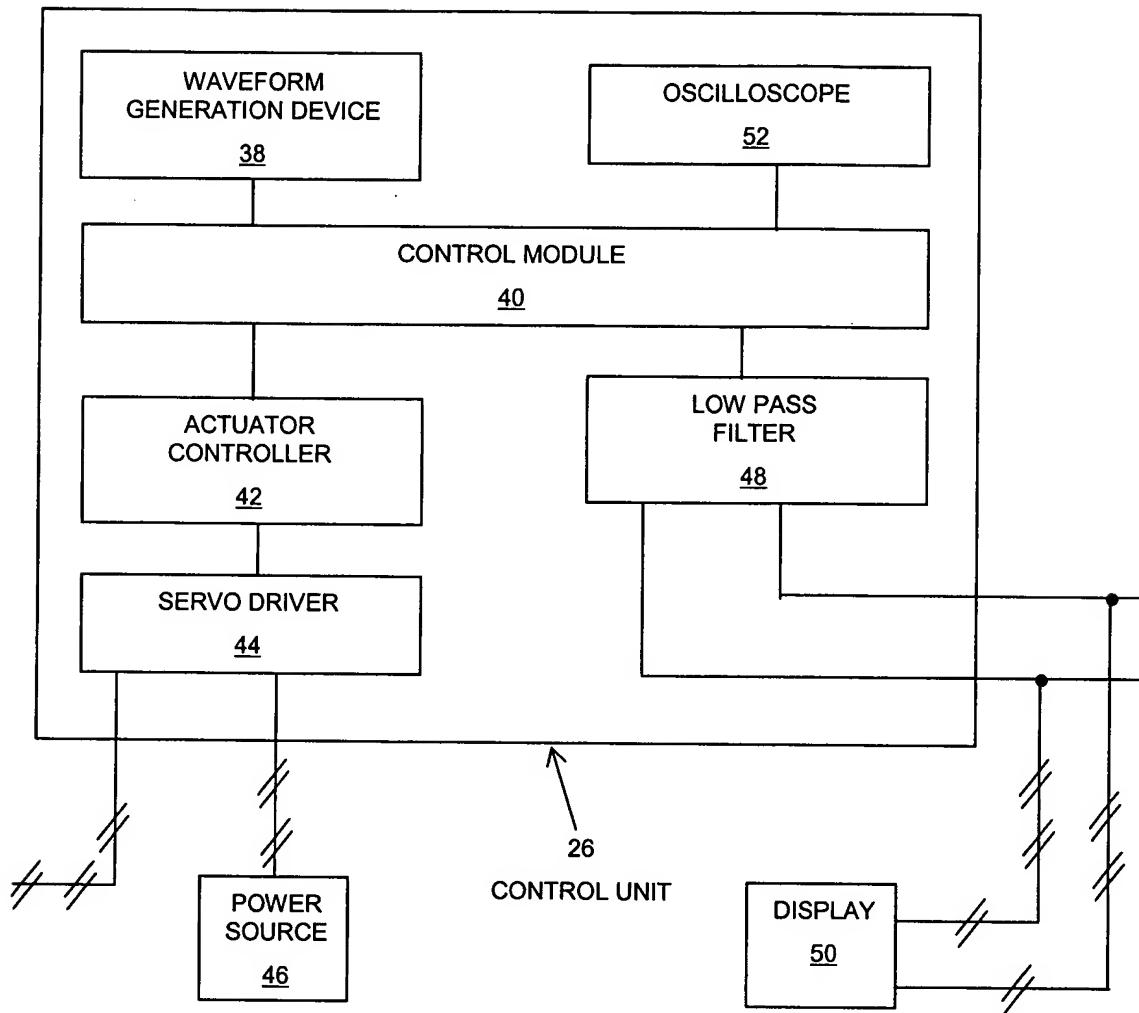


FIG. 5



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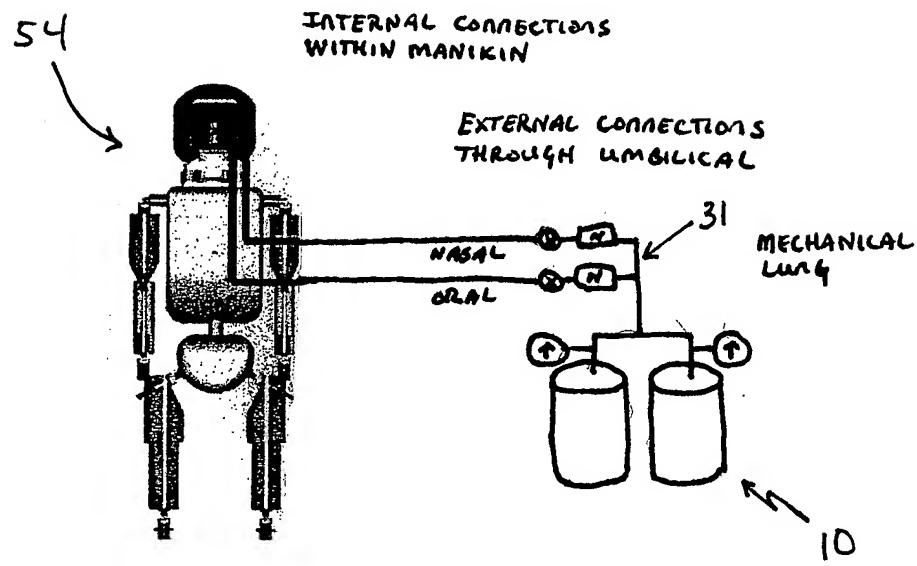


FIG. 8